### (12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

# (19) World Intellectual Property **Organization**

International Bureau



# 

#### (43) International Publication Date 17 March 2005 (17.03.2005)

**PCT** 

## (10) International Publication Number WO 2005/024623 A3

(51) International Patent Classification<sup>7</sup>:

G06F 3/033

(21) International Application Number:

PCT/EP2004/051939

(22) International Filing Date: 27 August 2004 (27.08.2004)

(25) Filing Language:

English

(26) Publication Language:

English

(30) Priority Data:

0321166.1

10 September 2003 (10.09.2003) GB

(71) Applicant (for all designated States except US): HEWLETT-PACKARD DEVELOPMENT COM-PANY, L.P. [US/US]; Legal dept., 20555 S.H. 249, Houston, Texas 77070 (US).

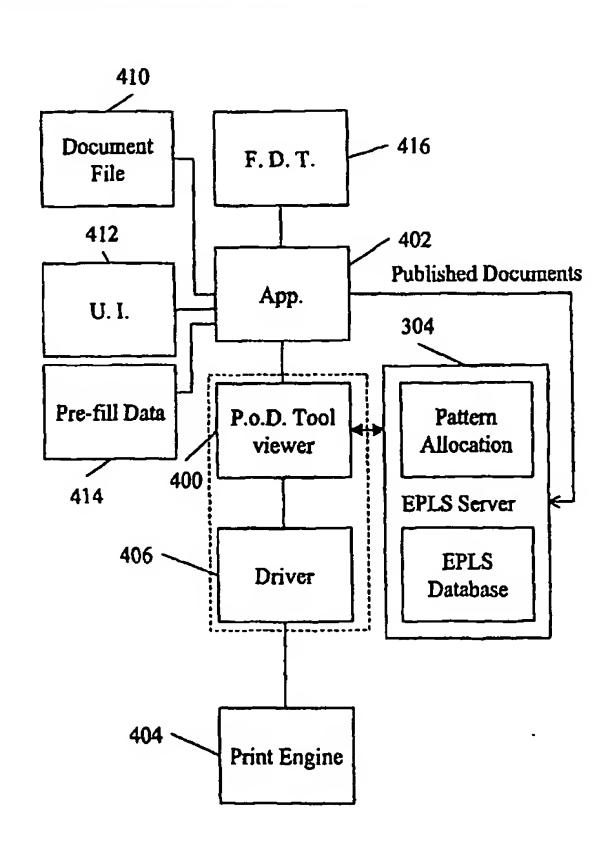
(72) Inventor; and

(75) Inventor/Applicant (for US only): GONZALEZ, Manuel [ES/ES]; Maspons 1, 20 1a, E-08012 Barcelona (ES).

- (74) Agent: LEADBETTER, Benedict; Hewlett-Packard Española, S.L., Legal Dept., Avda Graells, 501, E-08174 Sant Cugat del Valles (ES).
- (81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.
- (84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM),

[Continued on next page]

(54) Title: PRINTING DIGITAL DOCUMENTS



(57) Abstract: A method of printing a digital document comprises providing a first document for printing, the first document comprising at least one functional area in which pattern markings are to be printed, generating from the first document a second document in which at least one of the shape and or size and or location of the at least one functional area is modified, obtaining a portion of pattern to fit the modified functional area; and printing the second document. The modification may be performed at print time after the first document has been designed and published within a digital document processing system. An apparatus for processing a digital document is also provided.

WO 2005/024623

## WO 2005/024623 A3



European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

#### Published:

- with international search report
- before the expiration of the time limit for amending the claims and to be republished in the event of receipt of amendments

(88) Date of publication of the international search report: 28 April 2005

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.